

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Pearson et al.

Application No.: 10/799,177

Confirmation No.: 8150

Filed: March 12, 2004

Art Unit: 2435

For: SYSTEMS AND METHODS FOR  
IMPLEMENTING ROUTING PROTOCOLS  
AND ALGORITHMS FOR QUANTUM  
CRYPTOGRAPHIC KEY TRANSPORT

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Examiner: Hosuk Song

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the non-final Office Action dated June 24, 2009, please amend the present application as follows.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 7 of this paper.